

SlickMax™

DURA^{Trax}™ Family of Polyurethane Roll Covers



Go Further with Triosim

Designed for Optimum Release & Extreme Conditions

Whether it is “stickie” problems, sheet picking, severe abrasion, temperature or doctoring, SlickMax™ can handle it. SlickMax™ is revolutionary in that it incorporates uniform Teflon® content throughout the cover matrix and therefore the cover can be re-ground several times to maintain optimal surface finishes and still retain consistent Teflon® exposure at the surface of the cover. Finally, a roll cover that is designed for the release properties you need, yet also offers the papermaker unsurpassed abrasion resistance, hydrophobicity, toughness, thermal stability and doctorability.

APPLICATIONS

Dryer felt rolls, breast rolls, wire rolls, felt rolls, guide rolls, chemi-washer rolls, paper rolls, forming rolls, lead in/out rolls and other non-nipped rolls.

COVER ATTRIBUTES

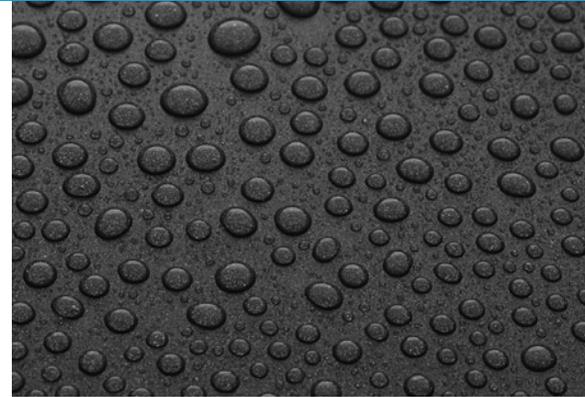
ADVANTAGES & BENEFITS

NON-STICK	Resists “stickies” and pulp build up on the cover’s surface.
HYDROPHOBICITY	Does not absorb ANY water. NEVER needs to be “dried out”.
DURABILITY	X more abrasion resistant than bone hard rubber (0-1 P&J).
DOCTORABILIT	Can be doctored with composite, steel, or UHMW blades.
RELEASE	Surface morphology provides for exceptional sheet release.
STRESS RELIEVED	No “edge lifting” or cracking.
THERMAL STABILITY	Maintains hardness profile and resists thermal degradation.
CHEMICAL RESISTANCE	Compatible with virtually all chemicals used with any grade of paper.
SURFACE FINISH	Finishes down to 15µin (0.38µM) Ra are achievable.

DuraTrax™ Polyurethane Roll Covers are custom engineered for the toughest applications in a paper machine. DuraTrax™ covers are made using proprietary equipment and materials that defy conventional roll covering guidelines and expectations. DuraTrax™ covers give the customer all the benefits that modern chemistry and engineering have to offer.

SlickMax™ is a proprietary polyurethane compound formulated by IPS, Inc. SlickMax™ is only available through IPS, Inc.'s global network of licensees.

Contact Triosim for a comprehensive Technical Data sheet on SlickMax™ roll covers or any of the DuraTrax™ family of roll covers.



SlickMax™ can be re-ground several times to maintain optimal surface finishes & still retain consistent Teflon® exposure.

PERFORMANCE DATA

Trade Name	SlickMax™
Color	Dark Blue
Cover Hardness	1 P&J
Cover Thickness	1/4” – 1” (6 – 25mm)
Max. Operating Temperature ..	275°F (135°C)
Chemical Resistance	
Mild Acids	Excellent
Mild Alkalis	Excellent
Hot Caustics	Good
Hot Water	Excellent
Physical Properties	
Tensile Strength	Superior
Bond Strength	Superior
Impact Resistance	Fair
Coefficient of Friction	Fair
Release	Good (Teflon® = 22%,pbw)
Water Absorption	Superior



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